

RECEIVED
CENTRAL FAX CENT.
NOV 09 2004

Docket No. ECV-5413CIP2CON1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5 In re application of: Carpentier, et al.) Group Art Unit: 3738
Application No.: 10/729,035) Examiner: Hieu Phan
Filing Date: December 5, 2003)
10 For: FLEXIBLE HEART VALVE AND ASSOCIATED)
CONNECTING BAND)

15 Commissioner for Patents
Washington, D.C. 20231

TERMINAL DISCLAIMER UNDER 37 CFR §1.321(b)

20 Dear Sir:

Petitioner, Edwards Lifesciences Corporation, a Delaware Corporation with its principal offices located at One Edwards Way, Irvine, in the County of Orange and State of California, represents that it is the assignee of the entire right, title and interest in and to the invention disclosed in the above-referenced U.S. Patent Application No. 10/729,035.

The above-referenced U.S. Patent Application No. 10/729,035 claims priority under 35 USC §120 back to U.S. Patent Application No. 09/847,930, filed May 3, 2001, now U.S. Patent No. 6,736,845, which is a continuation-in-part of U.S. Patent Application No. 09/332,759, filed 30 June 14, 1999, now U.S. Patent No. 6,558,418.

All of the aforementioned patents and applications are commonly owned by Petitioner.

Petitioner represents that it is the assignee of the entire right, title and interest in and to the invention disclosed in U.S. Patent No. 6,736,845, and continuations thereof, by the following assignments/instruments:

Serial No.: 10/729,035
 Docket No.: ECV-5413CIP2CON1
 Terminal Disclaimer
 Responsive to Office Action dated July 13, 2004

U.S. Patent No. 6,558,418 (S/N: 09/332,759 and all continuations thereof) was assigned from the inventors to Baxter International Inc. as shown by an Assignment recorded on September 20, 1999 at Reel 010245, Frame 0005, and was re-assigned from Baxter International Inc. to Edwards Lifesciences Corporation as shown by an Assignment recorded on June 9, 2000 at Reel 010901, Frame 0274 (recordation attached, see entry on page 4, docket No. ECV-5413).

U.S. Patent No. 6,736,845 was assigned from the inventors to Edwards Lifesciences Corporation as shown by an Assignment recorded on October 1, 2001 at Reel 012223, Frame 0170 (recordation attached).

10

In accordance with 37 CFR 3.73, the undersigned certifies that the evidentiary documents with respect to ownership have been reviewed and that, to the best of the knowledge and belief of the undersigned, title is in the Petitioner seeking to take this action.

15

Petitioner hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the above-identified application which would extend beyond the expiration date of prior U.S. Patent No. 6,736,845, whichever expiration date comes earlier.

20

Petitioner hereby agrees that any patent so granted on the above-identified application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to prior U.S. Patent No. 6,736,845. This Agreement runs with any patent granted on the above-identified application and is binding upon the grantee, its successors or assigns.

25

In making the above disclaimer, Petitioner does not disclaim the terminal part of any patent granted on the above-identified application that would extend to the expiration date of the

Serial No.: 10/729,035
Docket No.: ECV-5413CIP2CON1
Terminal Disclaimer
Responsive to Office Action dated July 13, 2004

full statutory term as defined in 35 USC §§ 154 to 156 and 173 of prior U.S. Patent No. 6,736,845, as presently shortened by any terminal disclaimer, in the event that the prior U.S. Patent No. 6,736,845: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims cancelled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

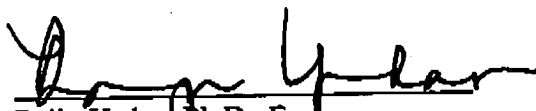
FEE PAYMENT

10 Please charge the necessary fee under 37 CFR §1.20(d) to Deposit Account No. 50-1225 (ECV-5413CIP2CON1). A duplicate of this disclaimer is attached.

If there are any questions, please call the undersigned.

Date: 11/9/4

Respectfully submitted,


Rajiv Yadav, Ph.D., Esq.
Registration No. 43,999
Edwards Lifesciences LLC
Law Department
One Edwards Way
Irvine, California 92614
Telephone: (949) 250-6801
Facsimile: (949) 250-6850
Customer No. 30452



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D C 20231

AUGUST 30, 2000

PTAS

EDWARDS LIFESCIENCES LLC
DEBRA D. CONDINO
ONE EDWARDS WAY
IRVINE, CALIFORNIA 92614



101403141A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

RECEIVED
LAW DEPT.
SEP 12 2000
EDWARDS
LIFESCIENCES

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/09/2000

REEL/FRAME: 010901/0274
NUMBER OF PAGES: 33

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BAXTER INTERNATIONAL INC.

DOC DATE: 06/09/2000

ASSIGNEE:

EDWARDS LIFESCIENCES CORPORATION
ONE EDWARDS WAY
IRVINE, CALIFORNIA 92614

SERIAL NUMBER: 06712528
PATENT NUMBER:

BE-3506

FILING DATE: 03/18/1985
ISSUE DATE:

SERIAL NUMBER: 08584718
PATENT NUMBER:

BE-4540 CON

FILING DATE: 01/11/1996
ISSUE DATE:

SERIAL NUMBER: 09472093
PATENT NUMBER:

BE 5167 DIV

FILING DATE: 12/23/1999
ISSUE DATE:

SERIAL NUMBER: 09059125
PATENT NUMBER:

BE-5181

FILING DATE: 04/13/1998
ISSUE DATE:

010901/0274 PAGE 2

SERIAL NUMBER: 09075409	BE-5223	FILING DATE: 05/08/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09362468	BE-5462	FILING DATE: 07/28/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09390381	BE-5477	FILING DATE: 09/03/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09429773	BE-5507	FILING DATE: 10/28/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08559262	CVG-4938	FILING DATE: 11/15/1995 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09108553	CVG-5309	FILING DATE: 07/01/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09413948	CVG-5506	FILING DATE: 10/06/1999 ✓ *
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 07095416	ECL 3246 RE	FILING DATE: 09/10/1987 ✓
PATENT NUMBER: RE33518		ISSUE DATE: 01/15/1991 ✓
SERIAL NUMBER: 06489927	ECL 3247	FILING DATE: 04/29/1983 ✓
PATENT NUMBER: D282284		ISSUE DATE: 01/21/1986 ✓
SERIAL NUMBER: 06659134	ECL 3452	FILING DATE: 11/26/1982 ✓
PATENT NUMBER: D288364		ISSUE DATE: 02/17/1987 ✓
SERIAL NUMBER: 08475606	ECL 3572 CON	FILING DATE: 06/07/1995 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08440510	ECL 3698 CDC	FILING DATE: 05/12/1995 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08130634	ECL 3913 CCP	FILING DATE: 10/01/1993 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08966435	ECL 3913 CIPDV	FILING DATE: 11/07/1997 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08645391	ECL 4324 CDV	FILING DATE: 05/13/1996 ✓ *
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08420503	ECL 4324 CDV	FILING DATE: 04/12/1995 ✓ *
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08503550	ECL 4324 CON	FILING DATE: 02/21/1996 ✓ *
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08049231	ECL 4324 CON	FILING DATE: 04/19/1993 ✓ *
PATENT NUMBER:		ISSUE DATE:

010901/0274 PAGE 3

SERIAL NUMBER: 09274802	ECC 4642 DIV	FILING DATE: 03/23/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08440624	ECC 4883 CIP	FILING DATE: 05/15/1995 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09329002	ECC 5062 CIP 2	FILING DATE: 06/08/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08725117	ECC 5063	FILING DATE: 10/02/1996 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09429221	ECC 5151	FILING DATE: 10/28/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09359927	ECC 5159 CON	FILING DATE: 07/22/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09135873	ECC 5378	FILING DATE: 08/17/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09177416	ECC 5396	FILING DATE: 10/22/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09450032	ECC 5527	FILING DATE: 11/24/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09456049	ECC 5528	FILING DATE: 12/07/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09484555	ECC 5543	FILING DATE: 01/18/2000 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09085944	ECC 3860 CDC	FILING DATE: 05/27/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09293215	ECV 4468	FILING DATE: 04/16/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08812506	ECV 4652 CON	FILING DATE: 03/07/1997 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08764821	ECV 4652 DIV	FILING DATE: 12/12/1996 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09283596	ECV 4652 CIP DIV	FILING DATE: 04/10/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09124657	ECV 4676 CIP CIP	FILING DATE: 07/29/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09461304	ECV 4935 CON	FILING DATE: 12/14/1999 ✓
PATENT NUMBER:		ISSUE DATE:

010901/0274 PAGE 4

SERIAL NUMBER: 09144010	ECV 4955 CON	FILING DATE: 08/31/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09082848	ECV 5011 CON	FILING DATE: 05/21/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09264801	ECV 5060 DIV	FILING DATE: 03/09/1999 ✓
PATENT NUMBER: 6102944		ISSUE DATE: 08/15/2000 ✓
SERIAL NUMBER: 09207783	ECV 5115 DIV	FILING DATE: 12/09/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09016489	ECV 5143	FILING DATE: 01/30/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09016147	ECV 5221	FILING DATE: 01/30/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09468715	ECV 5283 CIP DIV	FILING DATE: 12/21/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09157546	ECV 5327	FILING DATE: 09/21/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09396124	ECV 5328	FILING DATE: 09/14/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09491987	ECV 5412	FILING DATE: 01/26/2000 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09332759	ECV 5413	FILING DATE: 06/14/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09491990	ECV 5413 CIP	FILING DATE: 01/26/2000 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09293214	ECV 5461	FILING DATE: 04/16/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09387468	ECV 5476	FILING DATE: 09/01/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 60178084	ECV 5587	FILING DATE: 01/25/2000 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08192894	NC 4582	FILING DATE: 02/07/1994 ✓
PATENT NUMBER: 6102845		ISSUE DATE: 08/15/2000 ✓
SERIAL NUMBER: 09157846	NC 4582 DIV 2	FILING DATE: 09/21/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09285933	NC 5409	FILING DATE: 04/02/1999 ✓
PATENT NUMBER:		ISSUE DATE:

010901/0274 PAGE 5

SERIAL NUMBER: 09273030	RMI 5188CIP	FILING DATE: 03/19/1999 ✓
PATENT NUMBER: 6083238		ISSUE DATE: 07/04/2000 ✓
SERIAL NUMBER: 08720427	RMI 5203	FILING DATE: 09/30/1996 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09386666	RMI 5475	FILING DATE: 08/31/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09438172	RMI 5497	FILING DATE: 11/11/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08612742	VAS 4736	FILING DATE: 03/08/1996 ✓
PATENT NUMBER: 6099791		ISSUE DATE: 08/08/2000 ✓
SERIAL NUMBER: 09201953	VAS 4761 CON	FILING DATE: 12/01/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09306863	VAS 4778 CON 2	FILING DATE: 05/07/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09203998	VAS 5032 CON	FILING DATE: 12/01/1998 ✓
PATENT NUMBER: 6110191		ISSUE DATE: 08/29/2000 ✓
SERIAL NUMBER: 09364430	VAS 5032 CON 2	FILING DATE: 07/30/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09358350	VAS 5041 DIV	FILING DATE: 07/21/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09163831	VAS 5388	FILING DATE: 09/30/1998 ✓
PATENT NUMBER: 6071307		ISSUE DATE: 06/06/2000 ✓
SERIAL NUMBER: 09247733	VAS 5416	FILING DATE: 02/09/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09303038	VAS 5430	FILING DATE: 04/30/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09038500	VAS 5431	FILING DATE: 03/10/1998 ✓
PATENT NUMBER: 6024729		ISSUE DATE: 02/15/2000 ✓
SERIAL NUMBER: 09419315	VAS 5498	FILING DATE: 10/15/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08240286	AVD 3843 CCP	FILING DATE: 05/09/1994 ✓
PATENT NUMBER: 5500014		ISSUE DATE: 03/19/1996 ✓
SERIAL NUMBER: 07691258	AVD 4127	FILING DATE: 04/25/1991 ✓
PATENT NUMBER: 5272909		ISSUE DATE: 12/28/1993 ✓
SERIAL NUMBER: 06133701	AVD 4127 DIV	FILING DATE: 10/08/1993 ✓
PATENT NUMBER: 5327774		ISSUE DATE: 07/12/1994 ✓

010901/0274 PAGE 6

SERIAL NUMBER: 08901987
PATENT NUMBER: 5997573 *AVD 4289 CIP DIV*FILING DATE: 07/29/1997 ✓
ISSUE DATE: 12/07/1999 ✓SERIAL NUMBER: 08264225
PATENT NUMBER: 5609626 *AVD 4289 CON*FILING DATE: 06/22/1994 ✓
ISSUE DATE: 03/11/1997 ✓SERIAL NUMBER: 08467496
PATENT NUMBER: 5824061 *AVD 4289 DIV*FILING DATE: 06/06/1995 ✓
ISSUE DATE: 10/20/1998 ✓SERIAL NUMBER: 07387728 *BE-1605 CIP*
PATENT NUMBER: 5047020FILING DATE: 07/31/1989 ✓
ISSUE DATE: 09/10/1991 ✓SERIAL NUMBER: 07097295 *Be-1605 Con*
PATENT NUMBER: 4871357FILING DATE: 09/14/1987 ✓
ISSUE DATE: 10/03/1989 ✓SERIAL NUMBER: 07216070 *Be-1621 CIP*
PATENT NUMBER: 4874581FILING DATE: 07/07/1988 ✓
ISSUE DATE: 10/17/1989 ✓SERIAL NUMBER: 06885207 *Be-1626*
PATENT NUMBER: 4698207FILING DATE: 07/14/1986 ✓
ISSUE DATE: 10/06/1987 ✓SERIAL NUMBER: 07073261 *Be-1626 DIV*
PATENT NUMBER: 4876066FILING DATE: 07/14/1987 ✓
ISSUE DATE: 10/24/1989 ✓SERIAL NUMBER: 07338347 *Be-1652 CON*
PATENT NUMBER: 5039486FILING DATE: 04/12/1989 ✓
ISSUE DATE: 08/13/1991 ✓SERIAL NUMBER: 07664449 *Be-1652 CPCN*
PATENT NUMBER: 5110549FILING DATE: 02/28/1991 ✓
ISSUE DATE: 05/05/1992 ✓SERIAL NUMBER: 07795170 *Be-1652 CPDV*
PATENT NUMBER: 5167921FILING DATE: 11/19/1991 ✓
ISSUE DATE: 12/01/1992 ✓SERIAL NUMBER: 06948284 *Be-1745*
PATENT NUMBER: D302299FILING DATE: 12/31/1986 ✓
ISSUE DATE: 07/18/1989 ✓SERIAL NUMBER: 06124312 *Be-3053*
PATENT NUMBER: 4490254FILING DATE: 02/25/1980 ✓
ISSUE DATE: 12/25/1984 ✓SERIAL NUMBER: 06282283 *Be-3059*
PATENT NUMBER: 4440723FILING DATE: 07/10/1981 ✓
ISSUE DATE: 04/03/1984 ✓SERIAL NUMBER: 06236941 *Be-3062*
PATENT NUMBER: 4447150FILING DATE: 02/27/1981 ✓
ISSUE DATE: 05/08/1984 ✓SERIAL NUMBER: 06288118 *Be-3063*
PATENT NUMBER: 4428934FILING DATE: 07/29/1981 ✓
ISSUE DATE: 01/31/1984 ✓SERIAL NUMBER: 06860710 *Be-3368*
PATENT NUMBER: 4684508FILING DATE: 05/05/1986 ✓
ISSUE DATE: 08/04/1987 ✓SERIAL NUMBER: 06410039 *Be-3400*
PATENT NUMBER: 4444498FILING DATE: 08/20/1982 ✓
ISSUE DATE: 04/24/1984 ✓

010901/0274 PAGE 7

SERIAL NUMBER: 06683252	Bx-3508	FILING DATE: 12/18/1984	✓
PATENT NUMBER: 4731260		ISSUE DATE: 03/15/1988	✓
SERIAL NUMBER: 06746355	Bx-3552	FILING DATE: 06/19/1985	✓
PATENT NUMBER: 4640819		ISSUE DATE: 02/03/1987	✓
SERIAL NUMBER: 06736767	Bx-3509	FILING DATE: 05/22/1985	✓
PATENT NUMBER: 4635467		ISSUE DATE: 01/13/1987	✓
SERIAL NUMBER: 07056135	Bx-3592CIP	FILING DATE: 05/29/1987	✓
PATENT NUMBER: 4902476		ISSUE DATE: 02/20/1990	✓
SERIAL NUMBER: 06743693	Bx-35923590	FILING DATE: 06/11/1985	✓
PATENT NUMBER: 4734269		ISSUE DATE: 03/29/1988	✓
SERIAL NUMBER: 07177306	Bx-3709	FILING DATE: 04/05/1988	✓
PATENT NUMBER: 4911549		ISSUE DATE: 03/27/1990	✓
SERIAL NUMBER: 07617922	Bx-3715CON	FILING DATE: 11/21/1990	✓
PATENT NUMBER: 5120502		ISSUE DATE: 06/09/1992	✓
SERIAL NUMBER: 07260164	Bx-3748	FILING DATE: 10/20/1988	✓
PATENT NUMBER: 5120501		ISSUE DATE: 06/09/1992	✓
SERIAL NUMBER: 08024998	Bx-3748 CNDV	FILING DATE: 03/02/1993	✓
PATENT NUMBER: 5338512		ISSUE DATE: 08/16/1994	✓
SERIAL NUMBER: 07971717	Bx-3748 CPCN	FILING DATE: 11/04/1992	✓
PATENT NUMBER: 5236665		ISSUE DATE: 08/17/1993	✓
SERIAL NUMBER: 07848897	Bx-3748 CON	FILING DATE: 03/10/1992	✓
PATENT NUMBER: 5225161		ISSUE DATE: 07/06/1993	✓
SERIAL NUMBER: 07945998	Bx-3748 ⁸⁴ DVCN	FILING DATE: 09/15/1992	✓
PATENT NUMBER: 5316724		ISSUE DATE: 05/31/1994	✓
SERIAL NUMBER: 07359178	Bx-3844	FILING DATE: 05/31/1989	✓
PATENT NUMBER: 5049146		ISSUE DATE: 09/17/1991	✓
SERIAL NUMBER: 07369806	Bx-3849	FILING DATE: 06/22/1989	✓
PATENT NUMBER: 4954055		ISSUE DATE: 09/04/1990	✓
SERIAL NUMBER: 07428270	Bx-3912	FILING DATE: 10/26/1989	✓
PATENT NUMBER: 5217689		ISSUE DATE: 06/08/1993	✓
SERIAL NUMBER: 07554759	Bx-4022	FILING DATE: 07/16/1990	✓
PATENT NUMBER: 5061236		ISSUE DATE: 10/29/1991	✓
SERIAL NUMBER: 07906900	Bx-4051 CNCP	FILING DATE: 06/29/1992	✓
PATENT NUMBER: 5270005		ISSUE DATE: 12/14/1993	✓
SERIAL NUMBER: 07609301	Bx-4062	FILING DATE: 11/01/1990	✓
PATENT NUMBER: 5166713		ISSUE DATE: 02/16/1993	✓

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark OfficeASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS

010901/0274 PAGE 8

SERIAL NUMBER: 08331292
PATENT NUMBER: 5541167

BX 4143 CON

FILING DATE: 07/28/1994
ISSUE DATE: 07/30/1996 ✓SERIAL NUMBER: 08154654
PATENT NUMBER: 5417969

BX 4176 CIP

FILING DATE: 11/18/1993
ISSUE DATE: 05/23/1995 ✓SERIAL NUMBER: 07958667
PATENT NUMBER: 5266265

BX 4341

FILING DATE: 10/08/1992
ISSUE DATE: 11/30/1993 ✓SERIAL NUMBER: 08094834
PATENT NUMBER: 5401255

BX-4393

FILING DATE: 07/20/1993
ISSUE DATE: 03/28/1995 ✓SERIAL NUMBER: 08083405
PATENT NUMBER: 5368438

BX-4474

FILING DATE: 06/28/1993
ISSUE DATE: 11/29/1994 ✓SERIAL NUMBER: 08336964
PATENT NUMBER: 5501574

BX-4474 CON

FILING DATE: 11/10/1994
ISSUE DATE: 03/26/1996 ✓SERIAL NUMBER: 09029646
PATENT NUMBER: 6004511

BX-4912

FILING DATE: 06/17/1998
ISSUE DATE: 12/21/1999 ✓SERIAL NUMBER: 08551256
PATENT NUMBER: 5770149

BX-4932

FILING DATE: 10/31/1995
ISSUE DATE: 06/23/1998 ✓SERIAL NUMBER: 08697814
PATENT NUMBER: 5800721

BX-5042

FILING DATE: 08/30/1996
ISSUE DATE: 09/01/1998 ✓SERIAL NUMBER: 08569098
PATENT NUMBER: 5746575

BX-5123

FILING DATE: 12/22/1995
ISSUE DATE: 05/05/1998 ✓SERIAL NUMBER: 08963591
PATENT NUMBER: 5863179

BX-5123 CON

FILING DATE: 11/03/1997
ISSUE DATE: 01/26/1999 ✓SERIAL NUMBER: 08938058
PATENT NUMBER: 6017493

BX-5167

FILING DATE: 09/26/1997
ISSUE DATE: 01/25/2000 ✓SERIAL NUMBER: 08989316
PATENT NUMBER: 5989438

BX-5182

FILING DATE: 12/12/1997
ISSUE DATE: 11/23/1999 ✓SERIAL NUMBER: 06103401
PATENT NUMBER: 4388927

CVG 2598

FILING DATE: 12/13/1979
ISSUE DATE: 06/21/1983 ✓SERIAL NUMBER: 06195103
PATENT NUMBER: 4311573

CVG-2641

FILING DATE: 10/08/1980
ISSUE DATE: 01/19/1982 ✓SERIAL NUMBER: 06577300
PATENT NUMBER: 4595632

CVG-2667

FILING DATE: 02/06/1984
ISSUE DATE: 06/17/1986 ✓SERIAL NUMBER: 06427782
PATENT NUMBER: 4557266

CVG-3272

FILING DATE: 09/29/1982
ISSUE DATE: 12/10/1985 ✓SERIAL NUMBER: 06580119
PATENT NUMBER: 4589964

CVG 3375

FILING DATE: 02/14/1984
ISSUE DATE: 05/20/1986 ✓

010901/0274 PAGE 9

SERIAL NUMBER: 07794544	CVG-4167	FILING DATE: 11/19/1991
PATENT NUMBER: 5244913		ISSUE DATE: 09/14/1993 ✓
SERIAL NUMBER: 06723912	ECC 3556	FILING DATE: 04/16/1985
PATENT NUMBER: 4670009		ISSUE DATE: 06/02/1987 ✓
SERIAL NUMBER: 06782032	ECC 1606	FILING DATE: 09/30/1985
PATENT NUMBER: 4648868		ISSUE DATE: 03/10/1987 ✓
SERIAL NUMBER: 07060666	ECC 1618 CON	FILING DATE: 06/10/1987
PATENT NUMBER: 4727884		ISSUE DATE: 03/01/1988 ✓
SERIAL NUMBER: 06868313	ECC 1619 CIP3	FILING DATE: 05/28/1986
PATENT NUMBER: 4664126		ISSUE DATE: 05/12/1987 ✓
SERIAL NUMBER: 06866772	ECC 1633	FILING DATE: 05/23/1986
PATENT NUMBER: 4858618		ISSUE DATE: 08/22/1989 ✓
SERIAL NUMBER: 06942356	ECC 1698	FILING DATE: 12/16/1986
PATENT NUMBER: 4823167		ISSUE DATE: 04/18/1989 ✓
SERIAL NUMBER: 07000529	ECC 1747	FILING DATE: 01/05/1987
PATENT NUMBER: 4712865		ISSUE DATE: 12/15/1987 ✓
SERIAL NUMBER: 07000537	ECC 1748	FILING DATE: 01/05/1987
PATENT NUMBER: 4714770		ISSUE DATE: 12/22/1987 ✓
SERIAL NUMBER: 06245580	ECC 2242	FILING DATE: 03/20/1981
PATENT NUMBER: 4381591		ISSUE DATE: 05/03/1983 ✓
SERIAL NUMBER: 06160750	ECC 2564	FILING DATE: 06/18/1980
PATENT NUMBER: 4328806		ISSUE DATE: 05/11/1982 ✓
SERIAL NUMBER: 06160600	ECC 2565	FILING DATE: 06/18/1980
PATENT NUMBER: 4329993		ISSUE DATE: 05/18/1982 ✓
SERIAL NUMBER: 06160749	ECC 2624	FILING DATE: 06/18/1980
PATENT NUMBER: 4329994		ISSUE DATE: 05/18/1982 ✓
SERIAL NUMBER: 06128181	ECC 2670	FILING DATE: 03/07/1980
PATENT NUMBER: 4369496		ISSUE DATE: 01/18/1983 ✓
SERIAL NUMBER: 06301146	ECC 3036	FILING DATE: 09/11/1981
PATENT NUMBER: 4407304		ISSUE DATE: 10/04/1983 ✓
SERIAL NUMBER: 06327111	ECC 3060	FILING DATE: 12/03/1981
PATENT NUMBER: 4456223		ISSUE DATE: 06/26/1984 ✓
SERIAL NUMBER: 06844213	ECC 3150 CON	FILING DATE: 03/18/1986
PATENT NUMBER: 4759378		ISSUE DATE: 07/26/1988 ✓
SERIAL NUMBER: 06437247	ECC 3151	FILING DATE: 11/26/1982
PATENT NUMBER: 4464179		ISSUE DATE: 08/07/1984 ✓

010901/0274 PAGE 10

SERIAL NUMBER: 06499936
PATENT NUMBER: D285248

ECC 3202

FILING DATE: 06/01/1983
ISSUE DATE: 08/19/1986 ✓SERIAL NUMBER: 06489900
PATENT NUMBER: 4539998

ECC 3246

FILING DATE: 04/29/1983
ISSUE DATE: 09/10/1985 ✓SERIAL NUMBER: 06499938
PATENT NUMBER: 4508123

ECC 3248

FILING DATE: 06/01/1983
ISSUE DATE: 04/02/1985 ✓SERIAL NUMBER: 06551661
PATENT NUMBER: 4515278

ECC 3248

FILING DATE: 11/14/1983
ISSUE DATE: 05/07/1985 ✓SERIAL NUMBER: 06546492
PATENT NUMBER: 4647149

ECC 3347

FILING DATE: 10/28/1983
ISSUE DATE: 03/03/1987 ✓SERIAL NUMBER: 07323054
PATENT NUMBER: 5007704

ECC 3348 CON

FILING DATE: 03/14/1989
ISSUE DATE: 04/16/1991 ✓SERIAL NUMBER: 06570619
PATENT NUMBER: 4796640

ECC 3359

FILING DATE: 01/13/1984
ISSUE DATE: 01/10/1989 ✓SERIAL NUMBER: 06570632
PATENT NUMBER: 4595012

ECC 3360

FILING DATE: 01/13/1984
ISSUE DATE: 06/17/1986 ✓SERIAL NUMBER: 06570631
PATENT NUMBER: 4632125

ECC 3361

FILING DATE: 01/13/1984
ISSUE DATE: 12/30/1986 ✓SERIAL NUMBER: 06858448
PATENT NUMBER: 4745928

ECC 3361

FILING DATE: 05/01/1986
ISSUE DATE: 05/24/1988 ✓SERIAL NUMBER: 06658111
PATENT NUMBER: 4651751

ECC 3461

FILING DATE: 10/05/1984
ISSUE DATE: 03/24/1987 ✓SERIAL NUMBER: 06945381
PATENT NUMBER: 5193547

ECC 3421 CON

FILING DATE: 12/22/1986
ISSUE DATE: 03/16/1993 ✓SERIAL NUMBER: 06651283
PATENT NUMBER: 4589287

ECC 3474

FILING DATE: 09/17/1984
ISSUE DATE: 05/20/1986 ✓SERIAL NUMBER: 06659702
PATENT NUMBER: 4713059

ECC 3477

FILING DATE: 10/11/1984
ISSUE DATE: 12/15/1987 ✓SERIAL NUMBER: 07099097
PATENT NUMBER: 4850974

ECC 3477 DIV

FILING DATE: 09/21/1987
ISSUE DATE: 07/25/1989 ✓SERIAL NUMBER: 06686989
PATENT NUMBER: 4643389

ECC 3482

FILING DATE: 12/27/1984
ISSUE DATE: 02/17/1987 ✓SERIAL NUMBER: 06622079
PATENT NUMBER: 4564020

ECC 3534

FILING DATE: 06/19/1984
ISSUE DATE: 01/14/1986 ✓SERIAL NUMBER: 06670213
PATENT NUMBER: 4587974

ECC 3535

FILING DATE: 11/13/1984
ISSUE DATE: 05/13/1986 ✓

010901/0274 PAGE 11

SERIAL NUMBER: 06739546 PATENT NUMBER: 4651741	ECC 3574	FILING DATE: 05/30/1985 ISSUE DATE: 03/24/1987 ✓
SERIAL NUMBER: 06781411 PATENT NUMBER: 4711522	ECC 3583	FILING DATE: 09/27/1985 ISSUE DATE: 12/08/1987 ✓
SERIAL NUMBER: 07270320 PATENT NUMBER: 4858821	ECC 3620	FILING DATE: 11/14/1988 ISSUE DATE: 08/22/1989 ✓
SERIAL NUMBER: 07335927 PATENT NUMBER: 5135489	ECC 3698 CIP3	FILING DATE: 04/10/1989 ISSUE DATE: 08/04/1992 ✓
SERIAL NUMBER: 07257017 PATENT NUMBER: 4960708	ECC 3780	FILING DATE: 10/13/1988 ISSUE DATE: 10/02/1990 ✓
SERIAL NUMBER: 07304743 PATENT NUMBER: 4970900	ECC 3806	FILING DATE: 01/31/1989 ISSUE DATE: 11/20/1990 ✓
SERIAL NUMBER: 07316613 PATENT NUMBER: 4962757	ECC 3817	FILING DATE: 02/28/1989 ISSUE DATE: 10/16/1990 ✓
SERIAL NUMBER: 07351678 PATENT NUMBER: 4981355	ECC 3837	FILING DATE: 05/12/1989 ISSUE DATE: 01/01/1991 ✓
SERIAL NUMBER: 07380052 PATENT NUMBER: 5029585	ECC 3862	FILING DATE: 07/14/1989 ISSUE DATE: 07/09/1991 ✓
SERIAL NUMBER: 07485349 PATENT NUMBER: 5325865	ECC 3953	FILING DATE: 02/26/1990 ISSUE DATE: 07/05/1994 ✓
SERIAL NUMBER: 07826280 PATENT NUMBER: 5149326	ECC 4048 CON	FILING DATE: 01/17/1992 ISSUE DATE: 09/22/1992 ✓
SERIAL NUMBER: 07678911 PATENT NUMBER: 5271410	ECC 4124	FILING DATE: 04/01/1991 ISSUE DATE: 12/21/1993 ✓
SERIAL NUMBER: 07752399 PATENT NUMBER: 5230342	ECC 4173	FILING DATE: 08/30/1991 ISSUE DATE: 07/27/1993 ✓
SERIAL NUMBER: 07790724 PATENT NUMBER: 5246016	ECC 4194	FILING DATE: 11/08/1991 ISSUE DATE: 09/21/1993 ✓
SERIAL NUMBER: 08080884 PATENT NUMBER: 5363853	ECC 4194 CDV	FILING DATE: 06/22/1993 ISSUE DATE: 11/15/1994 ✓
SERIAL NUMBER: 08137381 PATENT NUMBER: 5351693	ECC 4194 CPC	FILING DATE: 10/13/1993 ISSUE DATE: 10/04/1994 ✓
SERIAL NUMBER: 08083105 PATENT NUMBER: 5437637	ECC 4194 DIV	FILING DATE: 06/24/1993 ISSUE DATE: 08/01/1995 ✓
SERIAL NUMBER: 08675365 PATENT NUMBER: 5662620	ECC 4194 DVC	FILING DATE: 07/02/1996 ISSUE DATE: 09/02/1997 ✓

010901/0274 PAGE 12

SERIAL NUMBER: 08850536	ECC 4194 DVC *	FILING DATE: 05/02/1997	✓
PATENT NUMBER: 5633645		ISSUE DATE: 11/10/1998	✓
SERIAL NUMBER: 07823092	ECC 4207	FILING DATE: 01/21/1992	✓
PATENT NUMBER: 5207228		ISSUE DATE: 05/04/1993	✓
SERIAL NUMBER: 08341327	ECC 4207 DVC	FILING DATE: 11/16/1994	✓
PATENT NUMBER: 5443074		ISSUE DATE: 08/22/1995	✓
SERIAL NUMBER: 07832253	ECC 4233	FILING DATE: 02/07/1992	✓
PATENT NUMBER: 5754716		ISSUE DATE: 05/19/1998	✓
SERIAL NUMBER: 08204796	ECC 4241 CON	FILING DATE: 03/02/1994	✓
PATENT NUMBER: 5387199		ISSUE DATE: 02/07/1995	✓
SERIAL NUMBER: 07510897	ECC 4323	FILING DATE: 04/18/1990	✓
PATENT NUMBER: 5146414		ISSUE DATE: 09/08/1992	✓
SERIAL NUMBER: 08473738	ECC 4324 CCD	FILING DATE: 06/07/1995	✓
PATENT NUMBER: 5598438		ISSUE DATE: 12/31/1996	✓
SERIAL NUMBER: 08245727	ECC 4324 CCP	FILING DATE: 05/18/1994	✓
PATENT NUMBER: 5720293		ISSUE DATE: 02/24/1998	✓
SERIAL NUMBER: 08485124	ECC 4324 CDV *	FILING DATE: 06/07/1995	✓
PATENT NUMBER: 5807269		ISSUE DATE: 09/15/1998	✓
SERIAL NUMBER: 08485125	ECC 4324 CDV *	FILING DATE: 06/07/1995	✓
PATENT NUMBER: 5857976		ISSUE DATE: 01/12/1999	✓
SERIAL NUMBER: 08334443	ECC 4324 CPC *	FILING DATE: 11/04/1994	✓
PATENT NUMBER: 5553622		ISSUE DATE: 09/10/1996	✓
SERIAL NUMBER: 08603552	ECC 4324 CPC *	FILING DATE: 02/21/1996	✓
PATENT NUMBER: 5755670		ISSUE DATE: 05/26/1998	✓
SERIAL NUMBER: 07832410	ECC 4326 *	FILING DATE: 02/07/1992	✓
PATENT NUMBER: 5305760		ISSUE DATE: 04/26/1994	✓
SERIAL NUMBER: 08071838	ECC 4356	FILING DATE: 06/04/1993	✓
PATENT NUMBER: 5357967		ISSUE DATE: 10/25/1994	✓
SERIAL NUMBER: 08025002	ECC 4402	FILING DATE: 03/02/1993	✓
PATENT NUMBER: 5354272		ISSUE DATE: 10/11/1994	✓
SERIAL NUMBER: 08200619	ECC 4587	FILING DATE: 02/23/1994	✓
PATENT NUMBER: 5564951		ISSUE DATE: 10/15/1996	✓
SERIAL NUMBER: 08268217	ECC 4627	FILING DATE: 06/29/1994	✓
PATENT NUMBER: 5636638		ISSUE DATE: 06/10/1997	✓
SERIAL NUMBER: 08747099	ECC 4627 CIP DIV	FILING DATE: 11/08/1996	✓
PATENT NUMBER: 5701908	4642	ISSUE DATE: 12/30/1997	✓

010901/0274 PAGE 13

SERIAL NUMBER: 08466544	ECC 4642 DIV *	FILING DATE: 06/06/1995	✓ *
PATENT NUMBER: 5594375		ISSUE DATE: 01/14/1997	✓ *
SERIAL NUMBER: 08732006	ECC 4642 DIV *	FILING DATE: 10/16/1996	✓ *
PATENT NUMBER: 5797964		ISSUE DATE: 08/25/1998	✓ *
SERIAL NUMBER: 09041356	ECC 4642 DIV *	FILING DATE: 03/12/1998	✓ *
PATENT NUMBER: 5886576		ISSUE DATE: 03/23/1999	✓ *
SERIAL NUMBER: 08422369	ECC 4642 CIP	FILING DATE: 04/14/1995	✓
PATENT NUMBER: 5634470		ISSUE DATE: 06/03/1997	✓
SERIAL NUMBER: 08311477	ECC 4683	FILING DATE: 09/23/1994	✓
PATENT NUMBER: 6036654		ISSUE DATE: 03/14/2000	✓
SERIAL NUMBER: 08470851	ECC 4762	FILING DATE: 06/06/1995	✓
PATENT NUMBER: 5590778		ISSUE DATE: 01/07/1997	✓
SERIAL NUMBER: 08519371	ECC 4896	FILING DATE: 08/25/1995	✓
PATENT NUMBER: 5691446		ISSUE DATE: 11/25/1997	✓
SERIAL NUMBER: 08689975	ECC 4896 CIP	FILING DATE: 08/16/1996	✓
PATENT NUMBER: 5741885		ISSUE DATE: 04/21/1998	✓
SERIAL NUMBER: 08548937	ECC 4939	FILING DATE: 10/26/1995	✓
PATENT NUMBER: 5687733		ISSUE DATE: 11/18/1997	✓
SERIAL NUMBER: 08662748	ECC 4984	FILING DATE: 06/10/1996	✓
PATENT NUMBER: 5843002		ISSUE DATE: 12/01/1998	✓
SERIAL NUMBER: 08822890	ECC 4984 CIP	FILING DATE: 03/24/1997	✓
PATENT NUMBER: 5827202		ISSUE DATE: 10/27/1998	✓
SERIAL NUMBER: 09071815	ECC 5082	FILING DATE: 05/01/1998	✓
PATENT NUMBER: 5971935		ISSUE DATE: 10/26/1999	✓
SERIAL NUMBER: 08791079	ECC 5109	FILING DATE: 01/29/1997	✓
PATENT NUMBER: 5795326		ISSUE DATE: 08/18/1998	✓
SERIAL NUMBER: 09015049	ECC 5109 CIP	FILING DATE: 01/28/1998	✓
PATENT NUMBER: 5968009		ISSUE DATE: 10/19/1999	✓
SERIAL NUMBER: 08937670	ECC 5159	FILING DATE: 09/26/1997	✓
PATENT NUMBER: 5961472		ISSUE DATE: 10/05/1999	✓
SERIAL NUMBER: 09094390	ECC 5325	FILING DATE: 06/09/1998	✓
PATENT NUMBER: 6045512		ISSUE DATE: 04/04/2000	✓
SERIAL NUMBER: 06692976	ECC 3483	FILING DATE: 01/22/1985	✓
PATENT NUMBER: 4603574		ISSUE DATE: 08/05/1986	✓
SERIAL NUMBER: 06874618	ECV 1632	FILING DATE: 06/16/1986	✓
PATENT NUMBER: 4790843		ISSUE DATE: 12/13/1988	✓

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark OfficeASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS

010901/0274 PAGE 14

SERIAL NUMBER: 07243226
PATENT NUMBER: 5061277

ECV 1636 CON

FILING DATE: 10/29/1988 ✓
ISSUE DATE: 10/29/1991SERIAL NUMBER: 06923083
PATENT NUMBER: 4725274

ECV 1666

FILING DATE: 10/24/1986 ✓
ISSUE DATE: 02/16/1988 ✓SERIAL NUMBER: 06302693
PATENT NUMBER: 4373216

ECV 1725 CIP

FILING DATE: 09/15/1981 ✓
ISSUE DATE: 02/15/1983 ✓SERIAL NUMBER: 06458618
PATENT NUMBER: 4535483

ECV 1726

FILING DATE: 01/17/1983 ✓
ISSUE DATE: 08/20/1985 ✓SERIAL NUMBER: 06346722
PATENT NUMBER: 4451937

ECV 1727

FILING DATE: 02/08/1982 ✓
ISSUE DATE: 06/05/1984 ✓SERIAL NUMBER: 06728836
PATENT NUMBER: 4683883

ECV 1729

FILING DATE: 04/30/1985 ✓
ISSUE DATE: 08/04/1987 ✓SERIAL NUMBER: 06182869
PATENT NUMBER: 4326304

ECV 1732

FILING DATE: 09/17/1980 ✓
ISSUE DATE: 04/27/1982 ✓SERIAL NUMBER: 07039295
PATENT NUMBER: 4838888

ECV 1775

FILING DATE: 04/17/1987 ✓
ISSUE DATE: 06/13/1989 ✓SERIAL NUMBER: 06275749
PATENT NUMBER: 4372743

ECV 2664

FILING DATE: 06/22/1981 ✓
ISSUE DATE: 02/08/1983 ✓SERIAL NUMBER: 06293667
PATENT NUMBER: 4501030

ECV 2665

FILING DATE: 08/17/1981 ✓
ISSUE DATE: 02/26/1985 ✓SERIAL NUMBER: 06295993
PATENT NUMBER: 4865600

ECV 2669

FILING DATE: 08/25/1981 ✓
ISSUE DATE: 09/12/1989 ✓SERIAL NUMBER: 06332544
PATENT NUMBER: 4451936

ECV 2986

FILING DATE: 12/21/1981 ✓
ISSUE DATE: 06/05/1984 ✓SERIAL NUMBER: 06445345
PATENT NUMBER: 4648851

ECV 3041

FILING DATE: 11/29/1982 ✓
ISSUE DATE: 03/10/1987 ✓SERIAL NUMBER: 06377747
PATENT NUMBER: 4481009

ECV 3075-

FILING DATE: 05/13/1982 ✓
ISSUE DATE: 11/06/1984 ✓SERIAL NUMBER: 06795124
PATENT NUMBER: 4729139

ECV 3075-

FILING DATE: 11/05/1985 ✓
ISSUE DATE: 03/08/1988 ✓SERIAL NUMBER: 06795125
PATENT NUMBER: 4770665

ECV 3075-

FILING DATE: 11/05/1985 ✓
ISSUE DATE: 09/13/1988 ✓SERIAL NUMBER: 06396629
PATENT NUMBER: 4443895

ECV 3112

FILING DATE: 07/09/1982 ✓
ISSUE DATE: 04/24/1984 ✓SERIAL NUMBER: 06670786
PATENT NUMBER: 4647283

ECV 3449 DIV

FILING DATE: 11/13/1984 ✓
ISSUE DATE: 03/03/1987 ✓

010901/0274 PAGE 15

SERIAL NUMBER: 06713204	ECV 3493 DIV	FILING DATE: 03/18/1985	✓
PATENT NUMBER: 5215541		ISSUE DATE: 06/01/1993	✓
SERIAL NUMBER: 07020202	ECV 3494 CDV	FILING DATE: 02/27/1987	✓
PATENT NUMBER: 4885005		ISSUE DATE: 12/05/1989	✓
SERIAL NUMBER: 08376624	ECV 3710 CON	FILING DATE: 01/23/1995	✓
PATENT NUMBER: 5716398		ISSUE DATE: 02/10/1998	✓
SERIAL NUMBER: 08912021	ECV 3710 CON3	FILING DATE: 08/15/1997	✓
PATENT NUMBER: 5964800		ISSUE DATE: 10/12/1999	✓
SERIAL NUMBER: 07290001	ECV 3789	FILING DATE: 12/22/1988	✓
PATENT NUMBER: 4917698		ISSUE DATE: 04/17/1990	✓
SERIAL NUMBER: 07339787	ECV 3800 CIP	FILING DATE: 04/18/1989	✓
PATENT NUMBER: 5002566		ISSUE DATE: 03/26/1991	✓
SERIAL NUMBER: 07587486	ECV 3803 CON	FILING DATE: 09/20/1990	✓
PATENT NUMBER: 5104407		ISSUE DATE: 04/14/1992	✓
SERIAL NUMBER: 08004214	ECV 3860 CCP	FILING DATE: 01/13/1993	✓
PATENT NUMBER: 5290300		ISSUE DATE: 03/01/1994	✓
SERIAL NUMBER: 08474048	ECV 3860 CDC*	FILING DATE: 06/07/1995	★
PATENT NUMBER: 5683402		ISSUE DATE: 11/04/1997	✓
SERIAL NUMBER: 08068279	ECV 3860 CON	FILING DATE: 05/25/1993	✓
PATENT NUMBER: 5350420		ISSUE DATE: 09/27/1994	✓
SERIAL NUMBER: 08190755	ECV 3860 DVC	FILING DATE: 02/02/1994	✓
PATENT NUMBER: 5496336		ISSUE DATE: 03/05/1996	✓
SERIAL NUMBER: 07444189	ECV 3860 CIP	FILING DATE: 11/30/1989	✓
PATENT NUMBER: 5041130		ISSUE DATE: 08/20/1991	✓
SERIAL NUMBER: 07502158	ECV 3965	FILING DATE: 03/29/1990	✓
PATENT NUMBER: 5035709		ISSUE DATE: 07/30/1991	✓
SERIAL NUMBER: 07579464	ECV 4032	FILING DATE: 09/07/1990	✓
PATENT NUMBER: 5197979		ISSUE DATE: 03/30/1993	✓
SERIAL NUMBER: 07990211	ECV 4032 DIV	FILING DATE: 12/14/1992	✓
PATENT NUMBER: 5336258		ISSUE DATE: 08/09/1994	✓
SERIAL NUMBER: 07622917	ECV 4057	FILING DATE: 12/06/1990	✓
PATENT NUMBER: 5274028		ISSUE DATE: 12/28/1993	✓
SERIAL NUMBER: 08049015	ECV 4399	FILING DATE: 04/16/1993	✓
PATENT NUMBER: 5422261		ISSUE DATE: 06/06/1995	✓
SERIAL NUMBER: 08311383	ECV 4399 DIV	FILING DATE: 09/23/1994	✓
PATENT NUMBER: 5424208		ISSUE DATE: 06/13/1995	✓

010901/0274 PAGE 16

SERIAL NUMBER: 08073272	ECV 4446	FILING DATE: 04/16/1993	✓
PATENT NUMBER: 5332503		ISSUE DATE: 07/26/1994	✓
SERIAL NUMBER: 08086778	ECV 4473	FILING DATE: 07/01/1993	✓
PATENT NUMBER: 5409833		ISSUE DATE: 04/25/1995	✓
SERIAL NUMBER: 08647155	ECV 4645 CON	FILING DATE: 05/09/1996	✓
PATENT NUMBER: 5744360		ISSUE DATE: 04/28/1998	✓
SERIAL NUMBER: 09036162	ECV 4645 DIV	FILING DATE: 03/06/1998	✓
PATENT NUMBER: 6020196		ISSUE DATE: 02/01/2000	✓
SERIAL NUMBER: 08874180	ECV 4652 CIP	FILING DATE: 06/13/1997	✓
PATENT NUMBER: 5931969		ISSUE DATE: 08/03/1999	✓
SERIAL NUMBER: 08283059	ECV 4676	FILING DATE: 07/29/1994	✓
PATENT NUMBER: 5593435		ISSUE DATE: 01/14/1997	✓
SERIAL NUMBER: 08757693	ECV 4676 CON	FILING DATE: 12/03/1996	✓
PATENT NUMBER: 5888240		ISSUE DATE: 03/30/1999	✓
SERIAL NUMBER: 08300025	ECV 4677	FILING DATE: 09/02/1994	✓
PATENT NUMBER: 5549666		ISSUE DATE: 08/27/1996	✓
SERIAL NUMBER: 08948365	ECV 4677 DIV CON	FILING DATE: 10/09/1997	✓
PATENT NUMBER: 5769780		ISSUE DATE: 06/23/1998	✓
SERIAL NUMBER: 08362633	ECV 4709	FILING DATE: 12/22/1994	✓
PATENT NUMBER: 5554186		ISSUE DATE: 09/10/1996	✓
SERIAL NUMBER: 08386048	ECV 4740	FILING DATE: 02/09/1995	✓
PATENT NUMBER: 5804366		ISSUE DATE: 09/08/1998	✓
SERIAL NUMBER: 08821478	ECV 4767 CON	FILING DATE: 03/21/1997	✓
PATENT NUMBER: 5861030		ISSUE DATE: 01/19/1999	✓
SERIAL NUMBER: 08914558	ECV 49 ¹⁵ CIP	FILING DATE: 08/19/1997	✓
PATENT NUMBER: 5880242		ISSUE DATE: 03/09/1999	✓
SERIAL NUMBER: 08545439	ECV 4930	FILING DATE: 10/19/1995	✓
PATENT NUMBER: 5670358		ISSUE DATE: 09/23/1997	✓
SERIAL NUMBER: 08998318	ECV 4935	FILING DATE: 12/24/1997	✓
PATENT NUMBER: 6001126		ISSUE DATE: 12/14/1999	✓
SERIAL NUMBER: 08960083	ECV 4953 CON	FILING DATE: 10/24/1997	✓
PATENT NUMBER: 5814096		ISSUE DATE: 09/29/1998	✓
SERIAL NUMBER: 08723420	ECV 4955	FILING DATE: 09/30/1996	✓
PATENT NUMBER: 5800531		ISSUE DATE: 09/01/1998	✓
SERIAL NUMBER: 08688672	ECV 5011	FILING DATE: 07/29/1996	✓
PATENT NUMBER: 5755783		ISSUE DATE: 05/26/1998	✓

010901/0274 PAGE 17

SERIAL NUMBER: 08694580	ECV 5027	FILING DATE: 08/09/1996 ✓
PATENT NUMBER: 5814100		ISSUE DATE: 09/29/1998 ✓
SERIAL NUMBER: 09121474	ECV 5027CON	FILING DATE: 07/23/1998 ✓
PATENT NUMBER: 6039759		ISSUE DATE: 03/21/2000 ✓
SERIAL NUMBER: 08997766	ECV 5044	FILING DATE: 12/24/1997 ✓
PATENT NUMBER: 6027530		ISSUE DATE: 02/22/2000 ✓
SERIAL NUMBER: 08688352	ECV 5045	FILING DATE: 07/30/1996 ✓
PATENT NUMBER: 5782931		ISSUE DATE: 07/21/1998 ✓
SERIAL NUMBER: 09044667	ECV 5045 DIV	FILING DATE: 03/20/1998 ✓
PATENT NUMBER: 5935168		ISSUE DATE: 08/10/1999 ✓
SERIAL NUMBER: 08826408	ECV 5060	FILING DATE: 03/27/1997 ✓
PATENT NUMBER: 5928281		ISSUE DATE: 07/27/1999 ✓
SERIAL NUMBER: 08833176	ECV 5115	FILING DATE: 04/03/1997 ✓
PATENT NUMBER: 5961549		ISSUE DATE: 10/05/1999 ✓
SERIAL NUMBER: 08843504	ECV 5119	FILING DATE: 04/16/1997 ✓
PATENT NUMBER: 5891196		ISSUE DATE: 04/06/1999 ✓
SERIAL NUMBER: 08982846	ECV 5139	FILING DATE: 12/02/1997 ✓
PATENT NUMBER: 6008292		ISSUE DATE: 12/28/1999 ✓
SERIAL NUMBER: 08932818	ECV 5155	FILING DATE: 09/16/1997 ✓
PATENT NUMBER: 6045576		ISSUE DATE: 04/04/2000 ✓
SERIAL NUMBER: 08941994	ECV 5157	FILING DATE: 10/01/1997 ✓
PATENT NUMBER: 5902937		ISSUE DATE: 05/11/1999 ✓
SERIAL NUMBER: 09099732	ECV 5282	FILING DATE: 06/18/1998 ✓
PATENT NUMBER: 6019739		ISSUE DATE: 02/01/2000 ✓
SERIAL NUMBER: 09031789	ECV 5283CIP	FILING DATE: 02/27/1998 ✓
PATENT NUMBER: 6004329		ISSUE DATE: 12/21/1999 ✓
SERIAL NUMBER: 06211210	NC 3884	FILING DATE: 11/28/1980 ✓
PATENT NUMBER: 4384829		ISSUE DATE: 05/24/1983 ✓
SERIAL NUMBER: 06446453	NC 3884CIP	FILING DATE: 12/03/1982 ✓
PATENT NUMBER: 4457673		ISSUE DATE: 07/03/1984 ✓
SERIAL NUMBER: 06400027	NC 3885	FILING DATE: 07/20/1982 ✓
PATENT NUMBER: 4519043		ISSUE DATE: 05/21/1985 ✓
SERIAL NUMBER: 06446452	NC 3886	FILING DATE: 12/03/1982 ✓
PATENT NUMBER: 4488099		ISSUE DATE: 12/11/1984 ✓
SERIAL NUMBER: 06662254	NC 3887CON	FILING DATE: 10/17/1984 ✓
PATENT NUMBER: 4557673		ISSUE DATE: 12/10/1985 ✓

010901/0274 PAGE 18

SERIAL NUMBER: 06680731	NC 3888 CON	FILING DATE: 12/11/1984 ✓
PATENT NUMBER: 4565497		ISSUE DATE: 01/21/1986 ✓
SERIAL NUMBER: 06555031	NC 3889 CIP	FILING DATE: 11/23/1983 ✓
PATENT NUMBER: 4581018		ISSUE DATE: 04/08/1986 ✓
SERIAL NUMBER: 06665011	NC 3890 CIP	FILING DATE: 10/30/1984 ✓
PATENT NUMBER: 4552816		ISSUE DATE: 11/12/1985 ✓
SERIAL NUMBER: 06757786	NC 3891	FILING DATE: 07/22/1985 ✓
PATENT NUMBER: 4665896		ISSUE DATE: 05/19/1987 ✓
SERIAL NUMBER: 06853464	NC 3892	FILING DATE: 04/18/1986 ✓
PATENT NUMBER: 4666443		ISSUE DATE: 05/19/1987 ✓
SERIAL NUMBER: 06933490	NC 3893	FILING DATE: 11/20/1986 ✓
PATENT NUMBER: 4756302		ISSUE DATE: 07/12/1988 ✓
SERIAL NUMBER: 07589092	NC 3901	FILING DATE: 09/27/1990 ✓
PATENT NUMBER: 5153496		ISSUE DATE: 10/06/1992 ✓
SERIAL NUMBER: 07503837	NC 3982	FILING DATE: 04/03/1990 ✓
PATENT NUMBER: 5012176		ISSUE DATE: 04/30/1991 ✓
SERIAL NUMBER: 08471438	NC 4582 DIV	FILING DATE: 06/06/1995 ✓
PATENT NUMBER: 5810708		ISSUE DATE: 09/22/1998 ✓
SERIAL NUMBER: 08468088	NC 4587 CIP	FILING DATE: 06/06/1995 ✓
PATENT NUMBER: 5803770		ISSUE DATE: 09/08/1998 ✓
SERIAL NUMBER: 08194481	NC 4589	FILING DATE: 02/10/1994 ✓
PATENT NUMBER: 5511958		ISSUE DATE: 04/30/1996 ✓
SERIAL NUMBER: 08473220	NC 4589 CON	FILING DATE: 06/07/1995 ✓
PATENT NUMBER: 5599173		ISSUE DATE: 02/04/1997 ✓
SERIAL NUMBER: 09191506	NC 5399	FILING DATE: 11/13/1998 ✓
PATENT NUMBER: 6001056		ISSUE DATE: 12/14/1999 ✓
SERIAL NUMBER: 07266745	VAS 1718 CIP	FILING DATE: 11/03/1988 ✓
PATENT NUMBER: 5071609		ISSUE DATE: 12/10/1991 ✓
SERIAL NUMBER: 07043326	VAS 1773	FILING DATE: 04/28/1987 ✓
PATENT NUMBER: 4816339		ISSUE DATE: 03/28/1989 ✓
SERIAL NUMBER: 07286440	VAS 1773 CIP	FILING DATE: 12/19/1988 ✓
PATENT NUMBER: 5061276		ISSUE DATE: 10/29/1991 ✓
SERIAL NUMBER: 06241291	VAS 2668	FILING DATE: 03/06/1981 ✓
PATENT NUMBER: 4430083		ISSUE DATE: 02/07/1984 ✓
SERIAL NUMBER: 07119167	VAS 3686	FILING DATE: 11/10/1987 ✓
PATENT NUMBER: 4791926		ISSUE DATE: 12/20/1988 ✓

010901/0274 PAGE 19

SERIAL NUMBER: 07132150	VAS 3696	FILING DATE: 12/14/1987 ✓
PATENT NUMBER: 4791913		ISSUE DATE: 12/20/1988 ✓
SERIAL NUMBER: 07143738	VAS 3697	FILING DATE: 01/13/1988 ✓
PATENT NUMBER: 4820283		ISSUE DATE: 04/11/1989 ✓
SERIAL NUMBER: 07175937	VAS 3722	FILING DATE: 03/31/1988 ✓
PATENT NUMBER: 4844071		ISSUE DATE: 07/04/1989 ✓
SERIAL NUMBER: 07246578	VAS 3743	FILING DATE: 09/19/1988 ✓
PATENT NUMBER: 5024671		ISSUE DATE: 06/18/1991 ✓
SERIAL NUMBER: 07303520	VAS 3796	FILING DATE: 01/26/1989 ✓
PATENT NUMBER: 4882113		ISSUE DATE: 11/21/1989 ✓
SERIAL NUMBER: 07381895	VAS 3859	FILING DATE: 07/18/1989 ✓
PATENT NUMBER: 4990138		ISSUE DATE: 02/05/1991 ✓
SERIAL NUMBER: 08074018	VAS 4096 CON	FILING DATE: 06/09/1993 ✓
PATENT NUMBER: 5376110		ISSUE DATE: 12/27/1994 ✓
SERIAL NUMBER: 08370705	VAS 4699	FILING DATE: 01/10/1995 ✓
PATENT NUMBER: 5669881		ISSUE DATE: 09/23/1997 ✓
SERIAL NUMBER: 08762113	VAS 4737 CON	FILING DATE: 12/10/1996 ✓
PATENT NUMBER: 5976192		ISSUE DATE: 11/02/1999 ✓
SERIAL NUMBER: 08423762	VAS 4761	FILING DATE: 04/17/1995 ✓
PATENT NUMBER: 5641373		ISSUE DATE: 06/24/1997 ✓
SERIAL NUMBER: 08844482	VAS 4761 DIV	FILING DATE: 04/18/1997 ✓
PATENT NUMBER: 5843173		ISSUE DATE: 12/01/1998 ✓
SERIAL NUMBER: 08486038	VAS 4778	FILING DATE: 06/07/1995 ✓
PATENT NUMBER: 5707389		ISSUE DATE: 01/13/1998 ✓
SERIAL NUMBER: 08910944	VAS 4778 CON	FILING DATE: 08/08/1997 ✓
PATENT NUMBER: 5947994		ISSUE DATE: 09/07/1999 ✓
SERIAL NUMBER: 08485616	VAS 4911	FILING DATE: 06/07/1995 ✓
PATENT NUMBER: 5658302		ISSUE DATE: 08/19/1997 ✓
SERIAL NUMBER: 08833155	VAS 4911 CON	FILING DATE: 04/04/1997 ✓
PATENT NUMBER: 5868768		ISSUE DATE: 02/09/1999 ✓
SERIAL NUMBER: 08713070	VAS 5032	FILING DATE: 09/12/1996 ✓
PATENT NUMBER: 5968068		ISSUE DATE: 10/19/1999 ✓
SERIAL NUMBER: 08675644	VAS 5041	FILING DATE: 07/03/1996 ✓
PATENT NUMBER: 5928279		ISSUE DATE: 07/27/1999 ✓
SERIAL NUMBER: 09135736	VAS 5192	FILING DATE: 08/18/1998 ✓
PATENT NUMBER: 6013092		ISSUE DATE: 01/11/2000 ✓



UNITED STATES
PATENT AND
TRADEMARK OFFICE

DECEMBER 10, 2001

EDWARDS LIFESCIENCES LLC
JOHN CHRISTOPHER JAMES
LAW DEPARTMENT
ONE EDWARDS WAY
IRVINE, CA 92614

PTAS
RECEIVED
LAW DEPT.

DEC 17 2001

EDWARDS
LIFESCIENCES

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



101868194A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/01/2001

REEL/FRAME: 012223/0170
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
MARQUEZ, SALVADOR

DOC DATE: 09/13/2001

ASSIGNOR:
ARGENTO, CLAUDIO

DOC DATE: 09/13/2001

ASSIGNOR:
RHEE, RICHARD S.

DOC DATE: 09/13/2001

ASSIGNEE:
EDWARDS LIFESCIENCES CORPORATION
ONE EDWARDS WAY
IRVINE, CALIFORNIA 92614

SERIAL NUMBER: 09847930
PATENT NUMBER:

FILING DATE: 05/03/2001
ISSUE DATE:

012223/0170 PAGE 2

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Docket No.: ECV-5413CIP2

10-10-2001

RE



EET

101868194

To the Director U.S. Patent and Trademark Office, Box Assignment: Please record the attached original document(s) or copy thereof.

1. Name of Conveying Parties:

Salvador Marquez, executed on 9/13/01
Claudio Argento, executed on 9/13/01
Richard S. Rhee, executed on 9/13/01

2. Name and Address of Receiving Party(ies):

Edwards Lifesciences Corporation
One Edwards Way
Irvine, CA 92614

OCT - 1 2001

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

4. Application Number(s) or Patent Number(s):

If this document is being filed together with a new application, the execution date of the application is _____

A. Patent Application No.(s)

B. Patent No.(s)

09/847,930

Additional numbers attached? ☐ Yes ☒ No

5. Name and Address of Party To Whom Correspondence Concerning Document Should Be Mailed:

John Christopher James
EDWARDS LIFESCIENCES LLC
Law Department
One Edwards Way
Irvine, California 92614

6. Total Number of Applications and Patents Involved: 1

7. Total Fee (37CFR 3.41).....\$40.00

☐ Enclosed☒ Authorized To Be Charged To Deposit Account8. Deposit Account Number: 501225(ECV-5413CIP2)

DO NOT USE THIS SPACE

9. Statement and Signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John Christopher James, 40,660
Name of Person Signing and Reg. No.

Signature

Date

Sept. 20, 2001

Total Number of Pages Including Coversheet, Attachments and Document: 3

Docket No.: 5413 CIP2
Application No.: 69/847,930
Filed: 05/03/2001

ASSIGNMENT
(Joint Inventors)

In consideration of one dollar (\$1.00) and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to EDWARDS LIFESCIENCES CORPORATION (hereinafter referred to as "assignee"), a corporation of Delaware, having a principal place of business at One Edwards Way, Irvine, California, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in our invention or improvements in HOLDER FOR FLEXIBLE HEART VALVE, and the application for Letters Patent of the United States therefor, executed by each of us individually on the date(s) indicated below and any and all other United States applications and applications in any and all countries which we may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States or of any other country which may be obtained on any of said applications, and in any reissue, reexam or extension thereof.

We hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said EDWARDS LIFESCIENCES CORPORATION

We hereby authorize and request the attorneys of record in said application to insert in this Assignment the date and serial number of said application when officially known.

We warrant ourselves to be the owners of the interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration we hereby agree, upon the request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and C-I-P applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue, reexam or extension of any Letters Patent that may be granted upon said application that said assignee, its successors, legal representatives and assigns may deem necessary or expedient. For said consideration we further agree, upon the request of said assignee, its successors, legal representatives and assigns, in the event of said application or any division, continuation, or C-I-P thereof, or Letters Patent issued thereon, or any reexam, reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. We further agree to perform, upon such request, any and all affirmative acts to obtain Letters Patent, and vest all rights therein hereby conveyed in said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for said considerations we hereby also assign to said assignee, its successors, legal representatives and assigns the entire rights, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

Date 9/13/01 Signature Salvador Marquez
Typed Name: Salvador Marquez
State of California, County of Orange

On 9-13-01 before me, Sara J. Kennedy, Notary Public, personally appeared Salvador Marquez, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Sara J. Kennedy (Seal)
Signature of Notary



Date 9/13/01 Signature Claudio Argento
Typed Name: Claudio Argento
State of California, County of ORANGE

On 9-13-01 before me, Sara J. Kennedy, Notary Public, personally appeared Claudio Argento, ~~personally known to me~~ (or ~~proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Sara J. Kennedy (Seal)
Signature of Notary



Docket No.: 5413 CIP2
Application No.: 09/847,930
Filed: 05/03/2001

ASSIGNMENT
(Joint Inventors)

Date: 9/13/01 Signature: Richard S. Rhee
Typed Name: Richard S. Rhee
State of California, County of Orange

On 9-13-01 before me, Sara J. Kennedy, Notary Public,
personally appeared Richard S. Rhee, personally known to me (or proved to
me on the basis of satisfactory evidence) to be the person whose name is
subscribed to the within instrument and acknowledged to me that he
executed the same in his authorized capacity, and that by his signature on the
instrument the person, or the entity upon behalf of which the person acted,
executed the instrument.

WITNESS my hand and official seal.

Sara J. Kennedy (Seal)
Signature of Notary

